

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of the claims in the application:

LISTING OF CLAIMS

Claim 1 (Currently Amended): A cutting tool for parting and grooving operations, comprising a coupling part, which is intended for mounting the cutting tool in a machine tool, and a tool head detachably connected to the coupling part, the tool head comprising a basic holder part and, joined to the basic holder part, a blade part, in a front portion of which an insert pocket is formed, in which a cutting insert is fastenable, the cutting tool comprising means for supplying cooling agent to the cutting insert, wherein said cooling agent supplying means includes a tube member, which is mounted in a recess, which is horizontally transverse to a longitudinal direction of the blade part and arranged in the tool head, the tube member having an inlet for connection to a cooling agent source and an outlet for leading the cooling agent in a direction towards the cutting insert.

Claim 2 (Previously Presented): A cutting tool according to claim 1, wherein the basic holder part and the blade part are formed in one piece, the basic holder part having considerably larger width than the blade part.

Claim 3 (Previously Presented): A cutting tool according to claim 1, wherein the transverse recess, in which said tube member is mounted, is arranged in the basic holder part of the tool head.

Claim 4 (Previously Presented): A cutting tool according to claim 1, wherein the tube member receiving recess in the tool head has a longitudinal extension substantially perpendicular to the longitudinal extension of the blade part.

Claim 5 (Previously Presented): A cutting tool according to claim 1, wherein the tube member receiving recess in the tool head is a through hole.

Claim 6 (Previously Presented): A cutting tool according to claim 1, wherein the outlet of the tube member is arranged at substantially the same level vertically as the cutting insert in the insert pocket.

Claim 7 (Previously Presented): A cutting tool according to claim 1, wherein the tube member has a substantially cylindrical basic shape and has at least two sections with different diameters.

Claim 8 (Previously Presented): A cutting tool according to claim 1, wherein there is provided, in the tool head, a leading channel for cooling agent from the recess of the tool head to the insert pocket.

Claim 9 (Previously Presented): A cutting tool according to claim 1, wherein the coupling part has a recess for receiving a part of said tube member, and that the tube member is adapted to be received partly in the recess of the tool head and partly in the recess of the coupling part, when the coupling part and the tool head are connected with each other.

Claim 10 (Currently Amended): A tool head for a cutting tool for parting and grooving operations, which is detachably connectable to a coupling part of the cutting tool and which has a blade part, in a front portion of which an insert inset pocket is formed, in which a cutting insert is fastenable, wherein it has a recess horizontally transverse to a longitudinal direction of the blade part, in which recess a tube member is mounted, the tube member having an inlet for connection to a cooling agent source and an outlet for leading the cooling agent in a direction towards the cutting insert.

Claim 11 (New): A cutting tool for parting and grooving operations, comprising a coupling part, which is intended for mounting the cutting tool in a machine tool, and a tool head detachably connected to the coupling part, the tool head comprising a basic holder part and, joined to the basic holder part, a blade part, in a front portion of which an insert pocket is formed, in which a cutting insert is fastenable, the cutting tool comprising means for supplying cooling agent to the cutting insert, wherein said cooling agent supplying means includes a tube member, which is mounted in a recess, which is transverse to a longitudinal direction of the blade part and arranged in the basic holder part of the tool head, the tube member having an inlet

for connection to a cooling agent source and an outlet for leading the cooling agent in a direction towards the cutting insert.

Claim 12 (New): A tool head for a cutting tool for parting and grooving operations, which is detachably connectable to a coupling part of the cutting tool and which has a blade part, in a front portion of which an insert pocket is formed, in which a cutting insert is fastenable, wherein it has a recess transverse to a longitudinal direction of the blade part, in which recess a tube member is mounted, the tube member having an inlet for connection to a cooling agent source and an outlet for leading the cooling agent in a direction towards the cutting insert, wherein the outlet of the tube member is arranged at substantially the same level vertically as the cutting insert in the insert pocket.

Claim 13 (New): A tool head according to claim 10, further comprising a basic holder part joined to the blade part of the tool head.

Claim 14 (New): A tool head according to claim 13, wherein the basic holder part and the blade part are formed in one piece, the basic holder part having considerably larger width than the blade part.

Claim 15 (New): A tool head according to claim 13, wherein the transverse recess, in which said tube member is mounted, is arranged in the basic holder part of the tool head.

Claim 16 (New): A tool head according to claim 10, wherein the tube member receiving recess in the tool head has a longitudinal extension substantially perpendicular to the longitudinal extension of the blade part.

Claim 17 (New): A tool head according to claim 10, wherein the tube member receiving recess in the tool head is a through hole.

Claim 18 (New): A tool head according to claim 10, wherein the outlet of the tube member is arranged at substantially the same level vertically as the cutting insert in the insert pocket.

Claim 19 (New): A tool head according to claim 10, wherein the tube member has a substantially cylindrical basic shape and has at least two sections with different diameters.

Claim 20 (New): A tool head according to claim 10, wherein there is provided, in the tool head, a leading channel for cooling agent from the recess of the tool head to the insert pocket.